

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Delete the text beginning at page 8, line 16 as follows:

~~Figure 18 shows the density of viable C758 cells and percentage of viable C758 cells cultured in CD hybridoma medium in a continuously operating perfusion type bioreactor.~~

~~Figure 19 shows the IgG titer produced by C758 cells and the specific antibody productivity produced by C758 cells cultured in CD hybridoma medium in a continuously operating perfusion type bioreactor.~~

Replace the paragraph beginning at page 53, line 4 with the following rewritten paragraph:

C758 cells were also grown in a perfusion type bioreactor in CD-Hybridoma media. Bioreactors were operated continuously for a total run of 35 days. C758 cells were grown in the bioreactor to a total cell density of nearly 7×10^6 cells/ml and during the run the percentage of viable C758 cells was between 55% and 95% (~~Fig. 18~~data not shown). C758 cells cultured in the bioreactor also generated human IgG titers of nearly 100 $\mu\text{g/ml}$ media and an IgG specific antibody productivity of approximately 25 pg/cell/day (~~Fig. 19~~data not shown). Cell viability was determined by standard, manual trypan blue dye exclusion assays and with an automated cell density examination (CDEX) system (Innovatis GmbH, Bielefeld, Germany) which also utilized the trypan blue dye exclusion assay. Assays for human IgG were by ELISA as described above. Protein quantification was performed using standard assays.